



PATENT
Customer No. 22,852
Attorney Docket No. 07303.0127-00000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Michael SOGARD)
) Group Art Unit: 1639
Application No.: 10/038,342)
) Examiner: Mark Lance SHIBUYA
Filed: October 23, 2001)
)
For: METHODS AND DEVICES FOR) Confirmation No.: 7706
HYBRIDIZATION AND BINDING)
ASSAYS USING THERMOPHORESIS)

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(c)

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(c), Applicant brings to the attention of the Examiner the documents on the attached listing. This Information Disclosure Statement is being filed after the events recited in Section 1.97(b) but, to the undersigned's knowledge, before the mailing date of either a Final action, Quayle action, or a Notice of Allowance. Under the provisions of 37 C.F.R. § 1.97(c), this Information Disclosure Statement is accompanied by a fee of \$180.00 as specified by Section 1.17(p).

Copies of the listed non-patent literature documents are attached.

Applicant respectfully requests that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or

05/18/2005 HAL111 00000072 10038342

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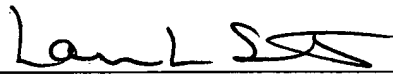
constitute "prior art." If the Examiner applies any of the documents as prior art against any claims in the application and Applicant determines that the cited documents do not constitute "prior art" under United States law, Applicant reserves the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

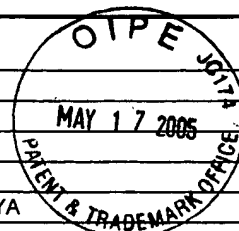
If there is any fee due in connection with the filing of this Statement, please charge the fee to Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

By: 
Lauren L. Stevens
Reg. No. 36,691

IDS Form PTO/SB/08: Substitute for form 1449A/PTO <div style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</div> <div style="text-align: center;"><i>(Use as many sheets as necessary)</i></div>			Complete if Known		
			Application Number	10/038,342	
			Filing Date	October 23, 2001	
			First Named Inventor	Michael SOGARD	
			Art Unit	1639	
			Examiner Name	Mark Lance SHIBUYA	
			Attorney Docket Number	07303.0127-00000	
Sheet	1	of	1		



U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
Examiner Initials	Cite No.	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code (if known)			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation
		Country Code Number Kind Code (if known)				

NON PATENT LITERATURE DOCUMENTS		
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		Bierlein, "A Phenomenological Theory of the Soret Diffusion," Journal of Chemical Physics, 33(1): 10-14.
		Giddings et al., "Measurement of Thermal Diffusion Factors by Thermal Field-Flow Fractionation," Journal of Physical Chemistry, 74(24): 4291-4294 (1970).
		Giglio et al., "Soret-Type Motion of Macromolecules in Solution," Physical Review Letters 38(1): 26-30 (1977).
		Gurrieri et al., "Real-time imaging of the reorientation mechanisms of YOYO-labelled DNA molecules during 90° and 120° pulsed field gel electrophoresis," Nucleic Acids Research, 24(23): 4759-4767 (1996).
		Köhler et al., "Aspects of Thermal Diffusion Forced Rayleigh Scattering: Heterodyne Detection, Active Phase Tracking, and Experimental Constraints," J. Phys. Chem., 99: 5838-5847 (1995).
		Pluen et al., "Diffusion of Macromolecules in Agarose Gels: Comparison of Linear and Globular Configurations," Biophysical Journal, 77: 542-552 (1999).
		Schimpf et al., "Characterization of Thermal Diffusion in Polymer Solutions by Thermal Field-flow Fractionation: Dependence on Polymer Solvent Parameters," J. Polymer Science, Part B, Polymer Physics, 27: 1317-1332 (1989).
		Schimpf et al., "Characterization of Thermal Diffusion of Copolymers in Solution by Thermal Field-Flow Fractionation," J. Polymer Science: Part B: Polymer Physics, 28: 2673-2680 (1990).
		Schimpf et al., "Mechanism of Polymer Thermophoresis in Nonaqueous Solvents," J. Phys. Chem. B, 104 9935-9942 (2000).

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.